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OM protein - protein search, using sw model

Run on: November 9, 2002, 07:30:30 ; Search time 68 Seconds  
(without alignments)  
40.287 Million cell updates/sec

Title: US-09-895-298A-83  
Perfect score: 190  
Sequence: 1 MMNFQPPSKAMRASQWMTFF.....HDGSLDLRSRRSYQEGNPPRA 190

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 92612 seqs, 14418503 residues

Word size : 4

Total number of hits satisfying chosen parameters: 18997

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database :

Published Applications\_AA:\*  
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2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep:\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep:\*  
4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep:\*  
5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep:\*  
6: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep:\*  
7: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep:\*  
8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep:\*  
9: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB.pep:\*  
10: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pep:\*  
11: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep:\*  
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13: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep:\*  
14: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	31	16.3	31	10	US-09-864-761-44182
2	6	3.2	39	10	US-09-759-143-912
3	6	3.2	39	10	US-09-780-669-912
4	6	3.2	39	10	US-09-822-827-912
5	6	3.2	48	10	US-09-864-761-36751
6	6	3.2	60	10	US-09-864-761-36952
7	6	3.2	61	10	US-09-764-846-166
8	6	3.2	66	10	US-09-864-761-34437
9	6	3.2	73	10	US-09-864-761-45641
10	6	3.2	96	10	US-09-864-761-48748
11	6	3.2	99	10	US-09-864-761-36470
12	6	3.2	100	10	US-09-840-459-33
13	6	3.2	104	10	US-09-925-297-526
14	6	3.2	111	12	US-10-006-867-130
15	6	3.2	111	12	US-10-052-586-382
16	6	3.2	113	10	US-09-971-543-4
17	6	3.2	113	10	US-09-971-543-5
18	6	3.2	113	10	US-09-971-543-6
19	6	3.2	138	10	US-09-764-877-1934

20	6	3.2	141	10	US-09-925-301-1186	Sequence 1186, Ap
21	6	3.2	154	10	US-09-764-864-1156	Sequence 1156, Ap
22	6	3.2	154	10	US-09-764-864-1569	Sequence 1569, Ap
23	6	3.2	179	10	US-09-780-717-32	Sequence 32, Appl
24	6	3.2	185	10	US-09-815-242-11844	Sequence 11844, A
25	6	3.2	217	6	US-09-828-644-69	Sequence 69, Appl
26	6	3.2	241	10	US-09-815-242-11653	Sequence 11653, A
27	6	3.2	251	10	US-09-764-853-441	Sequence 441, App
28	6	3.2	253	10	US-09-971-543-2	Sequence 2, Appli
29	6	3.2	253	10	US-09-971-543-3	Sequence 3, Appli
30	6	3.2	262	10	US-09-815-242-11607	Sequence 11607, A
31	6	3.2	265	10	US-09-815-242-10625	Sequence 10625, A
32	6	3.2	268	10	US-09-796-338A-19	Sequence 19, Appl
33	6	3.2	271	10	US-09-795-693-36	Sequence 36, Appl
34	6	3.2	305	10	US-09-886-055-299	Sequence 299, App
35	6	3.2	306	10	US-09-886-055-351	Sequence 351, App
36	6	3.2	312	10	US-09-925-302-783	Sequence 783, App
37	6	3.2	317	12	US-10-006-867-116	Sequence 116, App
38	6	3.2	317	12	US-10-052-545-2	Sequence 2, Appli
39	6	3.2	328	10	US-09-905-176-10	Sequence 10, Appl
40	6	3.2	332	10	US-09-758-575-7	Sequence 7, Appli
41	6	3.2	341	10	US-09-401-636-3	Sequence 3, Appli
42	6	3.2	355	10	US-09-867-569-2	Sequence 2, Appli
43	6	3.2	363	10	US-09-864-761-42849	Sequence 42849, A
44	6	3.2	387	9	US-09-895-913A-120	Sequence 120, App
45	6	3.2	387	10	US-09-785-770A-10	Sequence 10, Appl

#### ALIGNMENTS

RESULT 1  
US-09-864-761-44182  
; Sequence 44182, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO  
; FILE REFERENCE: Aecm1ca-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00661  
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 44182
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC003108.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.69
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.74
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.67
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.75
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.62
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.78
; OTHER INFORMATION: EST_HUMAN HIT: AW582253.1, EVALUATE 2.00e-09
US-09-864-761-44182
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Best Local Similarity 100.0%; Pred. No. 1.5e-24;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY 131 KMFLIEKLIKQDMKKANPSSLYLERREVE 161
Db 1 KMFLIEKLIKQDMKKANPSSLYLERREVE 31
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RESULT 2
US-09-759-143-912
; Sequence 912, Application US/09759143
; Patent No. US20020022248A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Jiang, Yugu
; APPLICANT: Henderson, Robert A.
; APPLICANT: Kalos, Michael D.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Retter, Marc W.
; APPLICANT: Stolck, John A.
; APPLICANT: Day, Craig H.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darrick
; APPLICANT: Li, Samuel
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Hepler, William
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.427C23
; CURRENT APPLICATION NUMBER: US/09/759,143
; CURRENT FILING DATE: 2001-01-12
; NUMBER OF SEQ ID NOS: 934
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 39
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-759-143-912
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Best Local Similarity 100.0%; Pred. No. 20;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY 99 VLITTY 104
Db 25 VLITTY 30
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RESULT 3
US-09-780-669-912
; Sequence 912, Application US/09780669
; Patent No. US20020051977A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Jiang, Yugu
; APPLICANT: Henderson, Robert A.
; APPLICANT: Kalos, Michael D.
; APPLICANT: Fanger, Gary R.
; APPLICANT: Retter, Marc W.
; APPLICANT: Stolck, John A.
; APPLICANT: Day, Craig H.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Carter, Darrick
; APPLICANT: Li, Samuel
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Hepler, William
; APPLICANT: Hurai, John
; APPLICANT: McNeill, Patricia D.
; APPLICANT: Houghton, Raymond L.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.427C24
; CURRENT APPLICATION NUMBER: US/09/780,669
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 943
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 39
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-780-669-912
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Query Match          3.2%; Score 6; DB 10; Length 39;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY 99 VLITTY 104
Db 25 VLITTY 30
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RESULT 4
US-09-822-827-912
; Sequence 912, Application US/09822827
; Patent No. US20020081680A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Hepler, William
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.534C1
; CURRENT APPLICATION NUMBER: US/09/822,827
; CURRENT FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 982
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 39
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-822-827-912
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Query Match          3.2%; Score 6; DB 10; Length 39;
Best Local Similarity 100.0%; Pred. No. 20;
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Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 99 VLIITY 104  
Db 25 VLIITY 30

## RESULT 5

US-09-864-761-36751  
; Sequence 36751, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
; FILE REFERENCE: Aecm1ca-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
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; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00662  
; PRIOR FILING DATE: 2001-01-30  
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; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 36751  
; LENGTH: 48  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO 284476.6  
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.65  
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 0.68  
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.71  
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.61  
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 0.7  
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.84  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.72  
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.67

; OTHER INFORMATION: SWISSPROT HIT: Q9X4E0, EVALU6 6.20e+00  
; OTHER INFORMATION: EST\_HUMAN HIT: R07702.1, EVALU6 5.00e-23  
US-09-864-761-36751

Query Match 3.2%; Score 6; DB 10; Length 48;  
Best Local Similarity 100.0%; Pred. No. 24;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 183 VQEGNP 188  
Db 12 VQEGNP 17

## RESULT 6

US-09-864-761-36952  
; Sequence 36952, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharron G.  
; APPLICANT: Rank, David R.  
; APPLICANT: Hanzel, David K.  
; APPLICANT: Chen, Wensheng  
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO  
; FILE REFERENCE: Aecm1ca-X-1  
; CURRENT APPLICATION NUMBER: US/09/864,761  
; CURRENT FILING DATE: 2001-05-23  
; PRIOR APPLICATION NUMBER: US 60/180,312  
; PRIOR FILING DATE: 2000-02-04  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 09/632,366  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
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; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: US 60/234,687  
; PRIOR FILING DATE: 2000-09-21  
; PRIOR APPLICATION NUMBER: US 09/608,408  
; PRIOR FILING DATE: 2000-06-30  
; PRIOR APPLICATION NUMBER: US 09/774,203  
; PRIOR FILING DATE: 2001-01-29  
; NUMBER OF SEQ ID NOS: 49117  
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1  
; SEQ ID NO 36952  
; LENGTH: 60  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: MAP TO AC011330.4  
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 6.4  
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 6.4

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 5  
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 6.3  
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 7.7  
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 6.9  
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 7.1  
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 6  
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 12  
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.2  
OTHER INFORMATION: EST\_HUMAN HIT: BE873170.1, EVALUE 2.00e-20  
US-09-864-761-36952

Query Match 3.2%; Score 6; DB 10; Length 60;  
Best Local Similarity 100.0%; Pred. No. 30;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 156 ERREVE 161  
Db 21 ERREVE 26

## RESULT 7

US-09-764-846-166  
Sequence 166, Application US/09764846  
Patent No. US20020102638A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
FILE REFERENCE: PT212  
CURRENT APPLICATION NUMBER: US/09/764,846  
CURRENT FILING DATE: 2001-01-17  
Prior application data removed - consult PALM or file wrapper  
NUMBER OF SEQ ID NOS: 348  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 166  
LENGTH: 61  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-764-846-166

Query Match 3.2%; Score 6; DB 10; Length 61;  
Best Local Similarity 100.0%; Pred. No. 31;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 97 LIVLII 102  
Db 20 LIVLII 25

## RESULT 8

US-09-864-761-34437  
Sequence 34437, Application US/09864761  
Patent No. US20020048763A1  
GENERAL INFORMATION:  
APPLICANT: Penn, Sharon G.  
APPLICANT: Rank, David R.  
APPLICANT: Hanzel, David K.  
APPLICANT: Chen, Wensheng  
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR  
FILE REFERENCE: Aeomica-X-1  
CURRENT APPLICATION NUMBER: US/09/864,761  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 09/632,366  
PRIOR FILING DATE: 2000-08-03  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27

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PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
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PRIOR APPLICATION NUMBER: PCT/US01/00670  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 60/234,687  
PRIOR FILING DATE: 2000-09-21  
PRIOR APPLICATION NUMBER: US 09/608,408  
PRIOR FILING DATE: 2000-06-30  
PRIOR APPLICATION NUMBER: US 09/774,203  
PRIOR FILING DATE: 2001-01-29  
NUMBER OF SEQ ID NOS: 49117  
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1  
SEQ ID NO 34437  
LENGTH: 66  
TYPE: PRT  
ORGANISM: Homo sapiens

FEATURE:  
OTHER INFORMATION: MAP TO AC007405.2  
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 3.5  
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2.3  
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.2  
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 5.5  
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3.1  
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.6  
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.2  
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 6.8  
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 8.3  
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.3  
OTHER INFORMATION: EST\_HUMAN HIT: AA627193.1, EVALUE 5.00e-26  
US-09-864-761-34437

Query Match 3.2%; Score 6; DB 10; Length 66;  
Best Local Similarity 100.0%; Pred. No. 33;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 9 KAWRAS 14  
Db 40 KAWRAS 45

## RESULT 9

US-09-864-761-45641  
Sequence 45641, Application US/09864761  
Patent No. US20020048763A1  
GENERAL INFORMATION:  
APPLICANT: Penn, Sharon G.  
APPLICANT: Rank, David R.  
APPLICANT: Hanzel, David K.  
APPLICANT: Chen, Wensheng  
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO  
FILE REFERENCE: Aeomica-X-1  
CURRENT APPLICATION NUMBER: US/09/864,761  
CURRENT FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/180,312  
PRIOR FILING DATE: 2000-02-04  
PRIOR APPLICATION NUMBER: US 60/207,456

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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2001-01-29
; PRIOR APPLICATION NUMBER: US 09/774,203
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 45641
; LENGTH: 73
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC007321.2
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.82
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.9
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.75
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.91
; OTHER INFORMATION: SWISSPROT HIT: P30657, EVALUATION = 3.30e+00
; OTHER INFORMATION: EST_HUMAN HIT: BF129261.1, EVALUATION = 5.30e+00
US-09-864-761-45641

Query Match      3.2%; Score 6; DB 10; Length 73;
Best Local Similarity 100.0%; Pred. No. 36;
Matches      6; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      3 NFQPPS 8      |||||
Db      2 NFQPPS 7

RESULT 10
US-09-864-761-48748
; Sequence 48748, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aecmica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
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; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2001-01-29
; PRIOR APPLICATION NUMBER: US 09/774,203
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 48748
; LENGTH: 96
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC005017.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.66
; OTHER INFORMATION: EST_HUMAN HIT: BF720122.1, EVALUATION = 5.30e+00
; OTHER INFORMATION: SWISSPROT HIT: P56316, EVALUATION = 2.80e+00
US-09-864-761-48748

Query Match      3.2%; Score 6; DB 10; Length 96;
Best Local Similarity 100.0%; Pred. No. 47;
Matches      6; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      136 EKLKIL 141      |||||
Db      71 EKLKIL 76

RESULT 11
US-09-864-761-36470
; Sequence 36470, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aecmica-X-1
; CURRENT FILING DATE: 2001-05-23
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; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 36470
; LENGTH: 99
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC010680.3
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 0.98
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 0.92
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.96
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.3
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.98
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1
; OTHER INFORMATION: EST_HUMAN HIT: AA180780.1, EVALUATE 4.00e-14
; OTHER INFORMATION: SWISSPROT HIT: Q62234, EVALUATE 7.00e-10
; US-09-864-761-36470
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Query Match 3.2%; Score 6; DB 10; Length 99;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 154 VLERRE 159
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Db 37 VLERRE 42
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RESULT 12
US-09-840-459-33
; Sequence 33, Application US/09840459
; Patent No. US20020150576A1
; GENERAL INFORMATION:
; APPLICANT: Lakosa, Gregory J.
```

```
; APPLICANT: Horvath, Christopher
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran
; APPLICANT: O'Brien, Siobhan H.
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; FILE REFERENCE: 1855.1052-012
; CURRENT APPLICATION NUMBER: US/09/840,459
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: PCT/US01/03537
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/497,625
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-840-459-33
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Query Match 3.2%; Score 6; DB 10; Length 100;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 102 ITYLYW 107
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Db 35 ITYLYW 40
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RESULT 13
US-09-925-297-526
; Sequence 526, Application US/09925297
; Patent No. US20020081659A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA105
; CURRENT APPLICATION NUMBER: US/09/925,297
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05989
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 928
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 526
; LENGTH: 104
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-925-297-526
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Query Match 3.2%; Score 6; DB 10; Length 104;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 115 IMIRLL 120
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Db 18 IMIRLL 23
```

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RESULT 14
US-10-006-867-130
; Sequence 130, Application US/10006867
; Patent No. US20020119130A1
; GENERAL INFORMATION:
; APPLICANT: Eaton, Dan L.
; APPLICANT: Flivarov, Ellen
```



APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3230R1C1  
CURRENT APPLICATION NUMBER: US/10/006,867  
CURRENT FILING DATE: 2001-12-06  
PRIOR APPLICATION NUMBER: 60/063435  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/064215  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/087759  
PRIOR FILING DATE: 1998-06-02  
PRIOR APPLICATION NUMBER: 60/088021  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088029  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088030  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088734  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088740  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088811  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088824  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088825  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088863  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089105  
PRIOR FILING DATE: 1998-06-12  
PRIOR APPLICATION NUMBER: 60/089514  
PRIOR FILING DATE: 1998-06-16  
PRIOR APPLICATION NUMBER: 60/089653  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089952  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090246  
PRIOR FILING DATE: 1998-06-22  
PRIOR APPLICATION NUMBER: 60/090444  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090688  
PRIOR FILING DATE: 1998-06-25  
PRIOR APPLICATION NUMBER: 60/090696  
PRIOR FILING DATE: 1998-06-25  
PRIOR APPLICATION NUMBER: 60/090862  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091628  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/096012  
PRIOR FILING DATE: 1998-08-10  
PRIOR APPLICATION NUMBER: 60/096757  
PRIOR FILING DATE: 1998-08-17  
PRIOR APPLICATION NUMBER: 60/096949  
PRIOR FILING DATE: 1998-08-18  
PRIOR APPLICATION NUMBER: 60/096959  
PRIOR FILING DATE: 1998-08-18  
PRIOR APPLICATION NUMBER: 60/097954  
PRIOR FILING DATE: 1998-08-26  
PRIOR APPLICATION NUMBER: 60/097971

PRIOR FILING DATE: 1998-08-26  
PRIOR APPLICATION NUMBER: 60/097979  
PRIOR FILING DATE: 1998-08-26  
PRIOR APPLICATION NUMBER: 60/098749  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/099741  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099763  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099792  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099812  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099815  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/100627  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100662  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100683  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/100684  
PRIOR FILING DATE: 1998-09-17  
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PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/101279  
PRIOR FILING DATE: 1998-09-22  
PRIOR APPLICATION NUMBER: 60/101475  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101738  
PRIOR FILING DATE: 1998-09-24  
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PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101916  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/102570  
PRIOR FILING DATE: 1998-09-30  
PRIOR APPLICATION NUMBER: 60/103449  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: 60/103678  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103679  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/103711  
PRIOR FILING DATE: 1998-10-08  
PRIOR APPLICATION NUMBER: 60/105000  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105002  
PRIOR FILING DATE: 1998-10-20  
PRIOR APPLICATION NUMBER: 60/105881  
PRIOR FILING DATE: 1998-10-27  
PRIOR APPLICATION NUMBER: 60/106030  
PRIOR FILING DATE: 1998-10-28  
PRIOR APPLICATION NUMBER: 60/106464  
PRIOR FILING DATE: 1998-10-30  
PRIOR APPLICATION NUMBER: 60/106856  
PRIOR FILING DATE: 1998-11-03  
PRIOR APPLICATION NUMBER: 60/108807  
PRIOR FILING DATE: 1998-11-17  
PRIOR APPLICATION NUMBER: 60/112419  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/112422  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/112853  
PRIOR FILING DATE: 1998-12-16  
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PRIOR FILING DATE: 1998-12-16  
PRIOR APPLICATION NUMBER: 60/112854  
PRIOR FILING DATE: 1998-12-16  
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PRIOR APPLICATION NUMBER: 60/113408  
PRIOR FILING DATE: 1998-12-22

; PRIOR APPLICATION NUMBER: 60/113430  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/114223  
; PRIOR FILING DATE: 1998-12-30  
; PRIOR APPLICATION NUMBER: 60/115614  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/116527  
; PRIOR FILING DATE: 1999-01-20  
; PRIOR APPLICATION NUMBER: 60/116843  
; PRIOR FILING DATE: 1999-01-22  
; PRIOR APPLICATION NUMBER: 60/119285  
; PRIOR FILING DATE: 1999-02-09  
; PRIOR APPLICATION NUMBER: 60/119287  
; PRIOR FILING DATE: 1999-02-09  
; PRIOR APPLICATION NUMBER: 60/119525  
; PRIOR FILING DATE: 1999-02-10  
; PRIOR APPLICATION NUMBER: 60/119549  
; PRIOR FILING DATE: 1999-02-10  
; PRIOR APPLICATION NUMBER: 60/120014  
; PRIOR FILING DATE: 1999-02-11  
; PRIOR APPLICATION NUMBER: 60/129122  
; PRIOR FILING DATE: 1999-04-13  
; PRIOR APPLICATION NUMBER: 60/129674  
; PRIOR FILING DATE: 1999-04-16  
; PRIOR APPLICATION NUMBER: 60/131291  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/138387  
; PRIOR FILING DATE: 1999-06-09  
; PRIOR APPLICATION NUMBER: 60/144791  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: 60/169495  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/175481  
; PRIOR FILING DATE: 2000-01-11  
; PRIOR APPLICATION NUMBER: 60/191007  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: 60/199397  
; PRIOR FILING DATE: 2000-04-25  
; PRIOR APPLICATION NUMBER: 09/380139  
; PRIOR FILING DATE: 1998-08-25  
; PRIOR APPLICATION NUMBER: 09/311832  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: 09/380137  
; PRIOR FILING DATE: 1999-08-25  
; PRIOR APPLICATION NUMBER: 09/380138  
; PRIOR FILING DATE: 1999-08-25  
; PRIOR APPLICATION NUMBER: 09/380142

Query Match 3.2%; Score 6; DB 12; Length 111;  
Best Local Similarity 100.0%; Pred. No. 53;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 48 DCGPFR 53  
Db 27 DCGPFR 32

RESULT 15  
US-10-052-586-382  
; Sequence 382, Application US/10052586  
; Patent No. US20020127584A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.

; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3430R1C1  
; CURRENT APPLICATION NUMBER: US/10/052,586  
; PRIOR APPLICATION NUMBER: 2002-01-15  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059266  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063120  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/063121  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/063486  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/063540  
; PRIOR FILING DATE: 1997-10-21  
; PRIOR APPLICATION NUMBER: 60/063540  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/063541  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/063544  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/063564  
; PRIOR FILING DATE: 1997-10-28  
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; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
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; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066120  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/066466  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/066772  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/069335  
; PRIOR FILING DATE: 1997-12-11  
; PRIOR APPLICATION NUMBER: 60/069425  
; PRIOR FILING DATE: 1997-12-12  
; PRIOR APPLICATION NUMBER: 60/069870  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/068017  
; PRIOR FILING DATE: 1997-12-18  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081838  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082569  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082704  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28  
; PRIOR APPLICATION NUMBER: 60/083495  
; PRIOR FILING DATE: 1998-04-29  
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; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083499  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083559  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/084366  
; PRIOR FILING DATE: 1998-05-05  
; PRIOR APPLICATION NUMBER: 60/084414  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/084639  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084640  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084643  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085582  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086023  
; PRIOR FILING DATE: 1998-05-18  
; PRIOR APPLICATION NUMBER: 60/086392  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/086486  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/087098  
; PRIOR FILING DATE: 1998-05-28  
; PRIOR APPLICATION NUMBER: 60/087208  
; PRIOR FILING DATE: 1998-05-28  
; PRIOR APPLICATION NUMBER: 60/087609  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087759  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/087827  
; PRIOR FILING DATE: 1998-06-03  
; PRIOR APPLICATION NUMBER: 60/088025  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088028  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088029  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088033  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088167  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088202  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088212

; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088217  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: 60/088326  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088655  
; PRIOR FILING DATE: 1998-06-09  
; PRIOR APPLICATION NUMBER: 60/088722  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088738  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088740  
; PRIOR FILING DATE: 1998-06-10  
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; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088824  
; PRIOR FILING DATE: 1998-06-10  
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; PRIOR FILING DATE: 1998-06-10  
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; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088861  
; PRIOR FILING DATE: 1998-06-11  
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; PRIOR FILING DATE: 1998-06-11  
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; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/089090  
; PRIOR FILING DATE: 1998-06-12  
; PRIOR APPLICATION NUMBER: 60/089105  
; PRIOR FILING DATE: 1998-06-12  
; PRIOR APPLICATION NUMBER: 60/089512  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089514  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089598  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089653  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089908  
; PRIOR FILING DATE: 1998-06-17

Query Match 3.2%; Score 6; DB 12; Length 111;  
Best Local Similarity 100.0%; Pred. No. 53;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 48 DCGPFR 53  
Db 27 DCGPFR 32

RESULT 16  
US-09-971-543-4  
; Sequence 4, Application US/09971543  
; Patent No. US20020146846A1  
; GENERAL INFORMATION:  
; APPLICANT: PLUCKTHUN, ANDREAS  
; APPLICANT: HONEGGER, ANNEMARIE  
; APPLICANT: WILUDA, JORG  
; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC  
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND  
; FILE REFERENCE: PLUCK-3 CON  
; CURRENT APPLICATION NUMBER: US/09/971,543  
; CURRENT FILING DATE: 2001-10-04  
; PRIOR APPLICATION NUMBER: PCT/EP00/03176  
; PRIOR FILING DATE: 2000-04-10  
; PRIOR APPLICATION NUMBER: EP 99 10 7030.1  
; PRIOR FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4

; LENGTH: 113  
; TYPE: PRT  
; ORGANISM: Mus sp.  
US-09-971-543-4

Query Match 3.2%; Score 6; DB 10; Length 113;  
Best Local Similarity 100.0%; Pred. No. 54;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 102 ITYLYW 107  
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Db 35 ITYLYW 40

RESULT 17  
US-09-971-543-5

; Sequence 5, Application US/09971543  
; Patent No. US20020146846A1

; GENERAL INFORMATION:  
; APPLICANT: PLUCKTHUN, ANDREAS  
; APPLICANT: HONEGGER, ANNEMARIE  
; APPLICANT: WILUDA, JORG

; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC  
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND  
; TITLE OF INVENTION: STABILIZED ANTI-EGF-2 scfv FRAGMENT

; FILE REFERENCE: PLUCK-3 CON  
; CURRENT APPLICATION NUMBER: US/09/971,543

; CURRENT FILING DATE: 2001-10-04  
; PRIOR APPLICATION NUMBER: PCT/EP00/03176

; PRIOR FILING DATE: 2000-04-10  
; PRIOR APPLICATION NUMBER: EP 99 10 7030.1

; PRIOR FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 5

; LENGTH: 113  
; TYPE: PRT

; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: 4D5MOC-A  
US-09-971-543-5

Query Match 3.2%; Score 6; DB 10; Length 113;  
Best Local Similarity 100.0%; Pred. No. 54;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 102 ITYLYW 107  
|||||  
Db 35 ITYLYW 40

RESULT 18  
US-09-971-543-6

; Sequence 6, Application US/09971543  
; Patent No. US20020146846A1

; GENERAL INFORMATION:  
; APPLICANT: PLUCKTHUN, ANDREAS  
; APPLICANT: HONEGGER, ANNEMARIE  
; APPLICANT: WILUDA, JORG

; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC  
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND  
; TITLE OF INVENTION: STABILIZED ANTI-EGF-2 scfv FRAGMENT

; FILE REFERENCE: PLUCK-3 CON  
; CURRENT APPLICATION NUMBER: US/09/971,543

; CURRENT FILING DATE: 2001-10-04  
; PRIOR APPLICATION NUMBER: PCT/EP00/03176

; PRIOR FILING DATE: 2000-04-10  
; PRIOR APPLICATION NUMBER: EP 99 10 7030.1

; PRIOR FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6

; LENGTH: 113  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic 4D5MOC-B  
US-09-971-543-6

Query Match 3.2%; Score 6; DB 10; Length 113;  
Best Local Similarity 100.0%; Pred. No. 54;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 102 ITYLYW 107  
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Db 35 ITYLYW 40

RESULT 19  
US-09-764-877-1934

; Sequence 1934, Application US/09764877  
; Patent No. US20020147140A1

; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.

; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PC005

; CURRENT APPLICATION NUMBER: US/09/764,877  
; CURRENT FILING DATE: 2001-01-17

; Prior application data removed - refer to PALM or file wrapper  
; NUMBER OF SEQ ID NOS: 4031

; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1934

; LENGTH: 138  
; TYPE: PRT

; ORGANISM: Homo sapiens  
US-09-764-877-1934

Query Match 3.2%; Score 6; DB 10; Length 138;  
Best Local Similarity 100.0%; Pred. No. 65;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 141 LQDMEX 146  
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Db 47 LQDMEX 52

RESULT 20  
US-09-925-301-1186

; Sequence 1186, Application US/09925301  
; Patent No. US2002052308A1

; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
; FILE REFERENCE: PA106

; CURRENT APPLICATION NUMBER: US/09/925,301  
; CURRENT FILING DATE: 2001-08-10

; PRIOR APPLICATION NUMBER: PCT/US00/05882  
; PRIOR FILING DATE: 2000-03-08

; PRIOR APPLICATION NUMBER: 60/124,270  
; PRIOR FILING DATE: 1999-03-12

; NUMBER OF SEQ ID NOS: 1694  
; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 1186  
; LENGTH: 141

; TYPE: PRT  
; ORGANISM: Homo sapiens

US-09-925-301-1186

Query Match 3.2%; Score 6; DB 10; Length 141;  
Best Local Similarity 100.0%; Pred. No. 67;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 23 LLEFPS 28  
|||||

Db 17 LLEFPS 22

## RESULT 21

US-09-764-864-1156  
; Sequence 1156, Application US/09764864  
; Patent No. US20020132753A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PT223  
; CURRENT APPLICATION NUMBER: US/09/764,864  
; CURRENT FILING DATE: 2001-01-17  
; Prior application data removed - consult PALM or file wrapper  
; NUMBER OF SEQ ID NOS: 1792  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1156  
; LENGTH: 154  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-764-864-1156

## Query Match

Best Local Similarity 3.2%; Score 6; DB 10; Length 154;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 152 SLVLR 157  
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Db 29 SLVLR 34

## RESULT 22

US-09-764-864-1569  
; Sequence 1569, Application US/09764864  
; Patent No. US20020132753A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen et al.  
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
; FILE REFERENCE: PT223  
; CURRENT APPLICATION NUMBER: US/09/764,864  
; CURRENT FILING DATE: 2001-01-17  
; Prior application data removed - consult PALM or file wrapper  
; NUMBER OF SEQ ID NOS: 1792  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1569  
; LENGTH: 154  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-764-864-1569

## Query Match

Best Local Similarity 3.2%; Score 6; DB 10; Length 154;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 152 SLVLR 157  
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Db 29 SLVLR 34

## RESULT 23

US-09-780-717-32  
; Sequence 32, Application US/09780717  
; Patent No. US20010044941A1  
; GENERAL INFORMATION:  
; APPLICANT: Helentjaris, Tim  
; APPLICANT: Bates, Nic  
; APPLICANT: Allen, Stephen M.  
; TITLE OF INVENTION: No. US20010044941A1 Invertase Inhibitors and Methods  
; FILE REFERENCE: 035718/208677  
; CURRENT APPLICATION NUMBER: US/09/780,717  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,509

; PRIOR FILING DATE: 2000-02-10

; NUMBER OF SEQ ID NOS: 54

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 32

; LENGTH: 179

; TYPE: PRT

; ORGANISM: Glycine max

US-09-780-717-32

## Query Match

Best Local Similarity 3.2%; Score 6; DB 10; Length 179;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 FIFLF 25  
|||||

Db 8 FIFLF 13

## RESULT 24

US-09-815-242-11844  
; Sequence 11844, Application US/09815242  
; Patent No. US20020061569A1  
; GENERAL INFORMATION:  
; APPLICANT: Haselbeck, Robert  
; APPLICANT: Ohlsen, Karl L.  
; APPLICANT: Zyskind, Judith W.  
; APPLICANT: Wall, Daniel  
; APPLICANT: Trawick, John D.  
; APPLICANT: Carr, Grant J.  
; APPLICANT: Yamamoto, Robert T.  
; APPLICANT: Xu, H. Howard  
; TITLE OF INVENTION: Identification of Essential Genes in  
; FILE REFERENCE: ELITRA.011a  
; CURRENT APPLICATION NUMBER: US/09/815,242  
; CURRENT FILING DATE: 2001-03-21  
; PRIOR APPLICATION NUMBER: 60/191,078  
; PRIOR FILING DATE: 2000-03-21  
; PRIOR APPLICATION NUMBER: 60/206,848  
; PRIOR FILING DATE: 2000-05-23  
; PRIOR APPLICATION NUMBER: 60/207,727  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: 60/242,578  
; PRIOR FILING DATE: 2000-10-23  
; PRIOR APPLICATION NUMBER: 60/253,625  
; PRIOR FILING DATE: 2000-11-27  
; PRIOR APPLICATION NUMBER: 60/257,931  
; PRIOR FILING DATE: 2000-12-22  
; PRIOR APPLICATION NUMBER: 60/269,308  
; PRIOR FILING DATE: 2001-02-16  
; NUMBER OF SEQ ID NOS: 14110  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 11844  
; LENGTH: 185  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-815-242-11844

## Query Match

Best Local Similarity 3.2%; Score 6; DB 10; Length 185;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 172 DGSIDL 177  
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Db 92 DGSIDL 97

## RESULT 25

US-09-828-644-69  
; Sequence 69, Application US/09828644  
; Patent No. US2002001598A1  
; GENERAL INFORMATION:  
; APPLICANT: Vogel, Gabriel

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; TITLE OF INVENTION: No. US20020015998A1e1 G Protein-Coupled Receptors
; FILE REFERENCE: 00196US1
; CURRENT APPLICATION NUMBER: US/09/828,644
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/195,150
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,099
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,151
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,148
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,093
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,098
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/230,149
; PRIOR FILING DATE: 2000-09-05
; NUMBER OF SEQ ID NOS: 117
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 69
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-828-644-69

Query Match
; Sequence 11653, Application US/09815242
; Patent No. US20020061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Karl L.
; APPLICANT: Zyskind, Judith W.
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; TITLE OF INVENTION: Prokaryotes
; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11653
; LENGTH: 241
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
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OY 137 KLIKLO 142
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Db 99 KLIKLO 104
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Query Match
; Sequence 11653, Application US/09815242
; Patent No. US20020061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Karl L.
; APPLICANT: Zyskind, Judith W.
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; TITLE OF INVENTION: Prokaryotes
; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11653
; LENGTH: 241
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
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US-09-815-242-11653
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Query Match
; Sequence 441, Application US/09764853
; Patent No. US20020090672A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PJ206
; CURRENT APPLICATION NUMBER: US/09/764,853
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 939
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 441
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-764-853-441
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OY 66 IDTLST 71
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Db 20 IDTLST 25
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RESULT 27
; Sequence 441, Application US/09764853
; Patent No. US20020090672A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PJ206
; CURRENT APPLICATION NUMBER: US/09/764,853
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 939
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 441
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-764-853-441
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Query Match
; Sequence 441, Application US/09764853
; Patent No. US20020090672A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PJ206
; CURRENT APPLICATION NUMBER: US/09/764,853
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 939
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 441
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-764-853-441
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```
OY 83 RNLIGS 88
      |||||
Db 142 RNLIGS 147
```

```
RESULT 28
; Sequence 2, Application US/09971543
; Patent No. US20020146846A1
; GENERAL INFORMATION:
; APPLICANT: PLUCKTHUN, ANDREAS
; APPLICANT: HONEGGER, ANNEMARIE
; APPLICANT: WILDLUD, JORG
; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND
; TITLE OF INVENTION: STABILIZED ANTI-EGF-2 scfv FRAGMENT
; FILE REFERENCE: PLUCK-3 CON
; CURRENT APPLICATION NUMBER: US/09/971,543
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: PCT/EP00/03176
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: EP 99 10 7030.1
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Mus sp.
; US-09-971-543-2
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Query Match
; Sequence 2, Application US/09971543
; Patent No. US20020146846A1
; GENERAL INFORMATION:
; APPLICANT: PLUCKTHUN, ANDREAS
; APPLICANT: HONEGGER, ANNEMARIE
; APPLICANT: WILDLUD, JORG
; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND
; TITLE OF INVENTION: STABILIZED ANTI-EGF-2 scfv FRAGMENT
; FILE REFERENCE: PLUCK-3 CON
; CURRENT APPLICATION NUMBER: US/09/971,543
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: PCT/EP00/03176
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: EP 99 10 7030.1
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Mus sp.
; US-09-971-543-2
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OY 102 ITYLYW 107
      |||||
Db 35 ITYLYW 40
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```
RESULT 29
US-09-971-543-3
; Sequence 3, Application US/09971543
; Patent No. US20020146846A1
; GENERAL INFORMATION:
; APPLICANT: PLUCKTHUN, ANDREAS
; APPLICANT: HONEGGER, ANNEMARIE
; APPLICANT: WILUDA, JORG
; TITLE OF INVENTION: NOVEL METHOD FOR THE STABILIZATION OF CHIMERIC
; TITLE OF INVENTION: IMMUNOGLOBULINS OR IMMUNOGLOBULIN FRAGMENTS, AND
; TITLE OF INVENTION: STABILIZED ANTI-EGP-2 scfv FRAGMENT
; FILE REFERENCE: PLUCK-3 CON
; CURRENT APPLICATION NUMBER: US/09/971,543
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: PCT/EP00/03176
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: EP 99 10 7030.1
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: anti-EGP-2
; US-09-971-543-3
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Query Match          3.2%; Score 6; DB 10; Length 253;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 102 ITYLYW 107
    |||||
Db 35 ITYLYW 40
```

```
RESULT 30
US-09-815-242-11607
; Sequence 11607, Application US/09815242
; Patent No. US2002061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari L.
; APPLICANT: Zyskind, Judith W.
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; TITLE OF INVENTION: Prokaryotes
; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: FastSeq for Windows Version 4.0
```

```
; SEQ ID NO 11607
; LENGTH: 262
; TYPE: PRT
; ORGANISM: Helicobacter pylori
; US-09-815-242-11607
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```
Query Match          3.2%; Score 6; DB 10; Length 262;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 124 IINEGK 129
    |||||
Db 197 IINEGK 202
```

```
RESULT 31
US-09-815-242-10625
; Sequence 10625, Application US/09815242
; Patent No. US2002061569A1
; GENERAL INFORMATION:
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Kari L.
; APPLICANT: Zyskind, Judith W.
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John D.
; APPLICANT: Carr, Grant J.
; APPLICANT: Yamamoto, Robert T.
; APPLICANT: Xu, H. Howard
; TITLE OF INVENTION: Identification of Essential Genes in
; TITLE OF INVENTION: Prokaryotes
; FILE REFERENCE: ELITRA.011A
; CURRENT APPLICATION NUMBER: US/09/815,242
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 14110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10625
; LENGTH: 265
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
; US-09-815-242-10625
```

```
Query Match          3.2%; Score 6; DB 10; Length 265;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 70 STRPGY 75
    |||||
Db 56 STRPGY 61
```

```
RESULT 32
US-09-796-338A-19
; Sequence 19, Application US/09796338A
; Patent No. US2002061522A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; TITLE OF INVENTION: 1983, 52881, 2398, 45449, 50289, AND
; TITLE OF INVENTION: 52872, NOVEL G PROTEIN-COUPLED RECEPTORS AND USES THEREFOR
; FILE REFERENCE: 10448-020001
```

```
; CURRENT APPLICATION NUMBER: US/09/796,338A
; CURRENT FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/186,059
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 268
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence
US-09-796-338A-19

Query Match
Best Local Similarity 3.2%; Score 6; DB 10; Length 268;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 FIFLFF 25
    |||||
Db 24 FIFLFF 29

RESULT 33
US-09-795-693-36
; Sequence 36, Application US/09795693
; Patent No. US20020068710A1
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, Maria A.
; TITLE OF INVENTION: 20685, 579, 17114, 23821, 33894, and
; FILE REFERENCE: 32613, No. US20020068710A1el Human Transporters
; CURRENT APPLICATION NUMBER: US/09/795,693
; CURRENT FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/185,906
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 36
; LENGTH: 271
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Pfam consensus sequence
US-09-795-693-36

Query Match
Best Local Similarity 3.2%; Score 6; DB 10; Length 271;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 FIFLFF 25
    |||||
Db 24 FIFLFF 29

RESULT 34
US-09-886-055-299
; Sequence 299, Application US/09886055
; Patent No. US20020132273A1
; GENERAL INFORMATION:
; APPLICANT: STRYER, LUBERT
; APPLICANT: ZOZULYA, SERGEY
; TITLE OF INVENTION: RECEPTOR FINGERPRINTING, SENSORY PERCEPTION, AND
; FILE REFERENCE: 078003-0277150
; CURRENT APPLICATION NUMBER: US/09/886,055
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 60/213,812
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 522
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 299
; LENGTH: 305
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```
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-886-055-299

Query Match
Best Local Similarity 3.2%; Score 6; DB 10; Length 305;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 96 TLIVLI 101
    |||||
Db 43 TLIVLI 48

RESULT 35
US-09-886-055-351
; Sequence 351, Application US/09886055
; Patent No. US20020132273A1
; GENERAL INFORMATION:
; APPLICANT: STRYER, LUBERT
; APPLICANT: ZOZULYA, SERGEY
; TITLE OF INVENTION: RECEPTOR FINGERPRINTING, SENSORY PERCEPTION, AND
; FILE REFERENCE: 078003-0277150
; CURRENT APPLICATION NUMBER: US/09/886,055
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 60/213,812
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 522
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 351
; LENGTH: 306
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-886-055-351

Query Match
Best Local Similarity 3.2%; Score 6; DB 10; Length 306;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 96 TLIVLI 101
    |||||
Db 43 TLIVLI 48
```

```
RESULT 36
US-09-925-302-783
; Sequence 783, Application US/09925302
; Patent No. US20020044941A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA104
; CURRENT APPLICATION NUMBER: US/09/925,302
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05918
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 896
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 783
; LENGTH: 312
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-302-783

Query Match
Best Local Similarity 3.2%; Score 6; DB 10; Length 312;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 172 DGSIDL 177
    |||||
Db 275 DGSIDL 280
```



RESULT 37  
US-10-006-867-116  
; Sequence 116, Application US/10006867  
; Patent No. US20020119130A1  
; GENERAL INFORMATION:  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Watanabe, Colin K.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3230R1C1  
; CURRENT APPLICATION NUMBER: US/10/006,867  
; CURRENT FILING DATE: 2001-12-06  
; PRIOR APPLICATION NUMBER: 60/063435  
; PRIOR FILING DATE: 1997-10-29  
; PRIOR APPLICATION NUMBER: 60/064215  
; PRIOR FILING DATE: 1997-10-29  
; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/083495  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/087759  
; PRIOR FILING DATE: 1998-06-02  
; PRIOR APPLICATION NUMBER: 60/088021  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088029  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088030  
; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088734  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088740  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088811  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088824  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088825  
; PRIOR FILING DATE: 1998-06-10  
; PRIOR APPLICATION NUMBER: 60/088863  
; PRIOR FILING DATE: 1998-06-11  
; PRIOR APPLICATION NUMBER: 60/089105  
; PRIOR FILING DATE: 1998-06-12  
; PRIOR APPLICATION NUMBER: 60/089514  
; PRIOR FILING DATE: 1998-06-16  
; PRIOR APPLICATION NUMBER: 60/089653  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089952  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/090246  
; PRIOR FILING DATE: 1998-06-22  
; PRIOR APPLICATION NUMBER: 60/090444  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090688  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090696  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090862  
; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091628  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/096012  
; PRIOR FILING DATE: 1998-08-10

; PRIOR APPLICATION NUMBER: 60/096757  
; PRIOR FILING DATE: 1998-08-17  
; PRIOR APPLICATION NUMBER: 60/096949  
; PRIOR FILING DATE: 1998-08-18  
; PRIOR APPLICATION NUMBER: 60/096959  
; PRIOR FILING DATE: 1998-08-18  
; PRIOR APPLICATION NUMBER: 60/097954  
; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: 60/097971  
; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: 60/097979  
; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: 60/098749  
; PRIOR FILING DATE: 1998-09-01  
; PRIOR APPLICATION NUMBER: 60/099741  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099763  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099792  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099812  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099815  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/100627  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100662  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100683  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/100684  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/100930  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101279  
; PRIOR FILING DATE: 1998-09-22  
; PRIOR APPLICATION NUMBER: 60/101475  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101743  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101916  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/102570  
; PRIOR FILING DATE: 1998-09-30  
; PRIOR APPLICATION NUMBER: 60/103449  
; PRIOR FILING DATE: 1998-10-06  
; PRIOR APPLICATION NUMBER: 60/103678  
; PRIOR FILING DATE: 1998-10-08  
; PRIOR APPLICATION NUMBER: 60/103679  
; PRIOR FILING DATE: 1998-10-08  
; PRIOR APPLICATION NUMBER: 60/103711  
; PRIOR FILING DATE: 1998-10-08  
; PRIOR APPLICATION NUMBER: 60/105000  
; PRIOR FILING DATE: 1998-10-20  
; PRIOR APPLICATION NUMBER: 60/105002  
; PRIOR FILING DATE: 1998-10-20  
; PRIOR APPLICATION NUMBER: 60/105881  
; PRIOR FILING DATE: 1998-10-27  
; PRIOR APPLICATION NUMBER: 60/106030  
; PRIOR FILING DATE: 1998-10-28  
; PRIOR APPLICATION NUMBER: 60/106464  
; PRIOR FILING DATE: 1998-10-30  
; PRIOR APPLICATION NUMBER: 60/106856  
; PRIOR FILING DATE: 1998-11-03  
; PRIOR APPLICATION NUMBER: 60/108807  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/112419  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/112422  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/112853

;; PRIOR FILING DATE: 1998-12-16  
;; PRIOR APPLICATION NUMBER: 60/113011  
;; PRIOR FILING DATE: 1998-12-16  
;; PRIOR APPLICATION NUMBER: 60/112854  
;; PRIOR FILING DATE: 1998-12-16  
;; PRIOR APPLICATION NUMBER: 60/113300  
;; PRIOR FILING DATE: 1998-12-22  
;; PRIOR APPLICATION NUMBER: 60/113408  
;; PRIOR FILING DATE: 1998-12-22  
;; PRIOR APPLICATION NUMBER: 60/113430  
;; PRIOR FILING DATE: 1998-12-23  
;; PRIOR APPLICATION NUMBER: 60/113621  
;; PRIOR FILING DATE: 1998-12-23  
;; PRIOR APPLICATION NUMBER: 60/114223  
;; PRIOR FILING DATE: 1998-12-30  
;; PRIOR APPLICATION NUMBER: 60/115614  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/116527  
;; PRIOR FILING DATE: 1999-01-20  
;; PRIOR APPLICATION NUMBER: 60/116843  
;; PRIOR FILING DATE: 1999-01-22  
;; PRIOR APPLICATION NUMBER: 60/119285  
;; PRIOR FILING DATE: 1999-02-09  
;; PRIOR APPLICATION NUMBER: 60/119287  
;; PRIOR FILING DATE: 1999-02-09  
;; PRIOR APPLICATION NUMBER: 60/119525  
;; PRIOR FILING DATE: 1999-02-10  
;; PRIOR APPLICATION NUMBER: 60/119549  
;; PRIOR FILING DATE: 1999-02-10  
;; PRIOR APPLICATION NUMBER: 60/120014  
;; PRIOR FILING DATE: 1999-02-11  
;; PRIOR APPLICATION NUMBER: 60/129122  
;; PRIOR FILING DATE: 1999-04-13  
;; PRIOR APPLICATION NUMBER: 60/129674  
;; PRIOR FILING DATE: 1999-04-16  
;; PRIOR APPLICATION NUMBER: 60/131291  
;; PRIOR FILING DATE: 1999-04-27  
;; PRIOR APPLICATION NUMBER: 60/138387  
;; PRIOR FILING DATE: 1999-06-09  
;; PRIOR APPLICATION NUMBER: 60/144791  
;; PRIOR FILING DATE: 1999-07-20  
;; PRIOR APPLICATION NUMBER: 60/169495  
;; PRIOR FILING DATE: 1999-12-07  
;; PRIOR APPLICATION NUMBER: 60/175481  
;; PRIOR FILING DATE: 2000-01-11  
;; PRIOR APPLICATION NUMBER: 60/191007  
;; PRIOR FILING DATE: 2000-03-21  
;; PRIOR APPLICATION NUMBER: 60/199397  
;; PRIOR FILING DATE: 2000-04-25  
;; PRIOR APPLICATION NUMBER: 09/380139  
;; PRIOR FILING DATE: 1998-08-25  
;; PRIOR APPLICATION NUMBER: 09/311832  
;; PRIOR FILING DATE: 1999-05-14  
;; PRIOR APPLICATION NUMBER: 09/380137  
;; PRIOR FILING DATE: 1999-08-25  
;; PRIOR APPLICATION NUMBER: 09/380138  
;; PRIOR FILING DATE: 1999-08-25  
;; PRIOR APPLICATION NUMBER: 09/380142

Query Match 3.2%; Score 6; DB 12; Length 317;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 LTLIVL 100  
Db 41 LTLIVL 46

RESULT 38  
US-10-052-545-2  
; Sequence 2, Application US/10052545  
; Patent No. US20020142392A1  
; GENERAL INFORMATION:

;; APPLICANT:  
;; TITLE OF INVENTION: Human Melanocyte stimulating hormone receptor  
;; NUMBER OF SEQUENCES: 20  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
;; STREET: 1100 New York Ave., N.W.  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: USA  
;; ZIP: 20005  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/10/052,545  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/387,805  
;; FILING DATE: 21-FEB-95  
;; APPLICATION NUMBER: PCT/DK93/00273  
;; FILING DATE: 20-AUG-93  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: DK 1046/92  
;; FILING DATE: 21-AUG-92  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: DK 1118/92  
;; FILING DATE: 10-SEP-92  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: DK 0528/93  
;; FILING DATE: 05-MAY-93  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Cimbal, Michele A.  
;; REGISTRATION NUMBER: 33,851  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (202) 371-2600  
;; TELEFAX: (202) 371-2540  
;; INFORMATION FOR SEQ ID NO: 2:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 317 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: polypeptide  
US-10-052-545-2

Query Match 3.2%; Score 6; DB 12; Length 317;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 LTLIVL 100  
Db 261 LTLIVL 266

RESULT 39  
US-09-905-176-10  
; Sequence 10, Application US/09905176  
; Patent No. US20020150906A1  
; GENERAL INFORMATION:  
; APPLICANT: CALIFORNIA INSTITUTE OF TECHNOLOGY  
; APPLICANT: Debe, Derek A.  
; TITLE OF INVENTION: METHOD FOR DETERMINING THREE-DIMENSIONAL PROTEIN STRUCTURE FROM  
; FILE REFERENCE: 265/297  
; CURRENT APPLICATION NUMBER: US/09/905,176  
; CURRENT FILING DATE: 2002-04-05  
; PRIOR APPLICATION NUMBER: US 60/218,016  
; PRIOR FILING DATE: 2000-07-12  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn version 3.1

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; SEQ ID NO 10
; LENGTH: 328
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-905-176-10
```

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Query Match          3.2%; Score 6; DB 10; Length 328;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY 100 LITTYL 105
    |||||
Db 313 LITTYL 318
```

```
RESULT 40
US-09-758-575-7
; Sequence 7, Application US/09758575
; Patent No. US20020004239A1
; GENERAL INFORMATION:
; APPLICANT: Kaufmann, Joerg
; APPLICANT: Harrowe, Greg
; APPLICANT: Reinhard, Christoph
; APPLICANT: Kang, Sammao
; TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN
; TITLE OF INVENTION: BREAST CANCER
; FILE REFERENCE: 200130.517/1656.002
; CURRENT APPLICATION NUMBER: US/09/758,575
; CURRENT FILING DATE: 2001-01-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 332
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-758-575-7
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Query Match          3.2%; Score 6; DB 10; Length 332;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY 67 DTLSTR 72
    |||||
Db 249 DTLSTR 254
```

```
RESULT 41
US-09-401-636-3
; Sequence 3, Application US/09401636
; Patent No. US20010038843A1
; GENERAL INFORMATION:
; APPLICANT: Hellman, Lars T.
; TITLE OF INVENTION: ENHANCED VACCINES
; FILE REFERENCE: 10223/006001
; CURRENT APPLICATION NUMBER: US/09/401,636
; CURRENT FILING DATE: 1999-09-22
; PRIOR APPLICATION NUMBER: US 60/106,652
; PRIOR FILING DATE: 1998-11-02
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 341
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated proteins
US-09-401-636-3
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Query Match          3.2%; Score 6; DB 10; Length 341;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

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OY 149 NPSSLV 154
```

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Db 176 NPSSLV 181
    |||||
```

```
RESULT 42
US-09-867-569-2
; Sequence 2, Application US/09867569
; Patent No. US20010036650A1
; GENERAL INFORMATION:
; APPLICANT: Li et al.
; TITLE OF INVENTION: C5a Receptor
; FILE REFERENCE: PF130D1C1
; CURRENT APPLICATION NUMBER: US/09/867,569
; CURRENT FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 09/082,529
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 08/458,970
; PRIOR FILING DATE: 1995-06-02
; PRIOR APPLICATION NUMBER: PCT/US94/09234
; PRIOR FILING DATE: 1994-08-16
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 355
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-867-569-2
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Query Match          3.2%; Score 6; DB 10; Length 355;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY 20 FIFLF 25
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Db 84 FIFLF 89
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RESULT 43
US-09-864-761-42849
; Sequence 42849, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aeomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 42849
; LENGTH: 363
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC007383.2
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1
; OTHER INFORMATION: EST_HUMAN HIT: R63760.1, EVALUATION 2.00e-60
; OTHER INFORMATION: SWISSPROT HIT: P46091, EVALUATION 0.00e+00
US-09-864-761-42849
```

```
Query Match
Best Local Similarity 100.0%; Score 6; DB 10; Length 363;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 20 FIFLFF 25
    |||||
Db 92 FIFLFF 97
```

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RESULT 44
US-09-895-913A-120
; Sequence 120, Application US/09895913A
; Patent No. US20020160456A1
; GENERAL INFORMATION:
; APPLICANT: Kleantous, Harold
; APPLICANT: Al-Garawi, Amal
; APPLICANT: Miller, Charles
; APPLICANT: Tomb, Jean Francois
; APPLICANT: Oomen, Raymond P.
; TITLE OF INVENTION: Identification of Polynucleotides
; TITLE OF INVENTION: Encoding No. US20020160456A1 Helicobacter Polypeptides in the
; TITLE OF INVENTION: Genome
; FILE REFERENCE: 06132/043002
; CURRENT APPLICATION NUMBER: US/09/895,913A
; CURRENT FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 08/881,227
; PRIOR FILING DATE: 1997-06-24
; NUMBER OF SEQ ID NOS: 368
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Helicobacter pylori
US-09-895-913A-120
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Query Match
Best Local Similarity 100.0%; Score 6; DB 9; Length 387;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 83 RNLIIGS 88
    |||||
Db 246 RNLIIGS 251
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RESULT 45
US-09-785-770A-10
; Sequence 10, Application US/09785770A
; Patent No. US20020103360A1
; GENERAL INFORMATION:
; APPLICANT: Pan, Yang
; APPLICANT: Barnes, Thomas M.
; TITLE OF INVENTION: A NOVEL PROTEIN RELATED TO MELANOMA-INHIBITING PROTEIN
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: 07334-328001
; CURRENT APPLICATION NUMBER: US/09/785,770A
; CURRENT FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 09/387,462
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/145,056
; PRIOR FILING DATE: 1998-09-01
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 4.0
; SEQ ID NO 10
; LENGTH: 387
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-785-770A-10
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Query Match
Best Local Similarity 100.0%; Score 6; DB 10; Length 387;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 141 LQDMEX 146
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Db 139 LQDMEX 144
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Search completed: November 9, 2002, 07:40:36
Job time : 70 secs
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